

Roadway Cost for a Sub-Urban Section

| Improvement Description | Units | Cost per Unit | 3-LANE SUB URBAN SECTION Per Mile Cost | 5-LANE SUB URBAN SECTION Per Mile Cost | CONVERT FROM 3 TO 5 LANE Per Mile Cost |
|--|----------|---------------|---|---|---|
| Concrete Pavement (12 ft. lanes) + LEFT TURN LANES | Sq. Ft. | \$5.00 | \$1,214,400.00 | \$2,006,400.00 | \$950,400.00 |
| Sidewalk on one side (4" thick by 5'-0") | Sq. Ft. | \$4.00 | \$105,600.00 | \$105,600.00 | |
| Bike Trail one side | Sq. Ft. | \$5.25 | \$277,200.00 | \$277,200.00 | |
| Landscaping | per mile | \$50,000.00 | \$50,000.00 | \$50,000.00 | |
| Trail Ped/Bike Signal | each | \$50,000.00 | \$50,000.00 | \$50,000.00 | |
| Traffic Signal (1/4 +1 +1 +1 + 1/4) | each | \$125,000.00 | \$437,500.00 | \$437,500.00 | |
| Street Lighting | each | \$3,000.00 | | \$84,000.00 | \$84,000.00 |
| Storm Sewer 3 lane cost at \$186,000; 5 Lane at \$250,000 avg. | Lump sum | \$250,000.00 | \$250,000.00 | \$250,000.00 | \$64,000.00 |
| Water - Line Adjustments (\$3,000 per mile) | Lump sum | \$3,000.00 | \$3,000.00 | \$3,000.00 | |
| Water - Hydrants | Lump sum | \$55,620.00 | \$55,620.00 | \$55,620.00 | |
| Waste Water (resetting of man holes & Service) | Lump sum | \$2,500.00 | \$2,500.00 | \$2,500.00 | |
| Box Culvert | each | \$75,000.00 | \$75,000.00 | \$75,000.00 | |
| Retaining Wall | Sq. Ft. | \$17.65 | \$176,500.00 | \$176,500.00 | |
| | | | \$2,697,320.00 | \$3,573,320.00 | \$1,098,400.00 |

Potential Additional costs assoc. to Project

| | | | | |
|--|--------------|----------------|-----------------------|--|
| Trail Grade Separation | each | \$375,000.00 | \$375,000.00 | |
| Bridge (300', 4-lanes) | each | \$1,500,000.00 | \$1,500,000.00 | |
| L.E.S. | Lin. ft. | \$75.00 | \$396,000.00 | |
| Right - of - Way Acquisition (10' width acquisition increments) | per mile | \$26,400.00 | \$26,400.00 | |
| Wetlands-Flood plain-Native Praire-Endangered species-Cul. Res. | per mi. var. | \$153,122.00 | \$153,122.00 | |
| | | | \$2,450,522.00 | |